

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the

COMMUNICABLE DISEASE CENTER

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 16, 1961

Poliomyelitis — There was a sharp increase in poliomyelitis during the week ending September 16. A total of 98 cases, including 62 paralytic, were reported for the current week. These figures represent a high in total and paralytic cases for 1961. During the previous week, there was a total of 62 cases, of which 37 were paralytic. However, the incidence of poliomyelitis continues to remain well below previous years despite this late summer increase. This is shown in the following table:

Poliomyelitis Cases (Cumulative) Through 37th Week					
	1961	1960	1959	1958	1957
Paralytic	513	1312	3455	1461	1395
Total	780	1908	5474	3000	4444

The only significant concentration of polio cases in the United States continues to be in New York State. (See Epidemiological Reports).

Hepatitis — The total of 1130 cases of hepatitis in the last week represents an increase over the 995 cases reported last week. This is the first interruption of a slightly downward trend which has been occurring over the last several months. Hepatitis continues at a record high level.

Encephalitis — There were 37 cases of infectious encephalitis reported in the last week. The number of encephalitis cases continues to be unusually small. There has been no reported epidemic occurrence in the country.

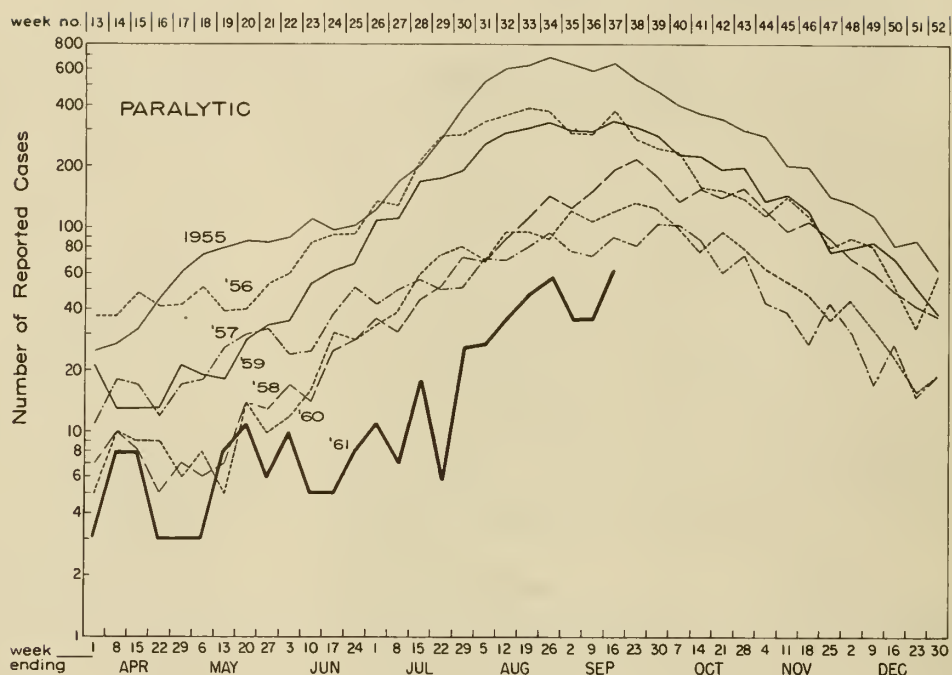
Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	37th Week			Cumulative						Approximate seasonal low point
	Ended Sept. 16, 1961	Ended Sept. 17, 1960	Median 1956-60	First 37 weeks			Since seasonal low week			
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
* Weekly incidence low or sporadic --- Data not available - Quantity zero										
Anthrax-----062	-	1	*	5	13	*	*	*	*	*
Botulism-----049.1	-	2	*	5	10	*	*	*	*	*
Brucellosis (undulant fever)-----044	9	15	15	439	573	579	*	*	*	*
Diphtheria-----055	9	22	17	389	450	531	80	111	134	July 1
Encephalitis, infectious-----082	37	50	65	1,135	1,331	1,324	1,135	1,331	1,324	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,130	730	300	54,954	26,912	14,568	2,130	1,371	546	Sept. 1
Malaria-----110-117	4	1	*	42	47	*	*	*	*	*
Measles-----085	734	800	945	387,062	401,382	449,039	1,434	1,517	1,804	Sept. 1
Meningitis, aseptic-----340 pt.	137	129	---	2,002	1,880	---	2,002	1,880	---	Jan. 1
Meningococcal infections-----057	27	33	37	1,562	1,596	1,756	47	60	69	Sept. 1
Poliomyelitis-----080	98	173	398	780	1,908	4,437	677	1,698	3,909	Apr. 1
Paralytic-----080.0,080.1	62	112	194	513	1,312	1,389	453	1,155	1,114	Apr. 1
Nonparalytic-----080.2	28	48	156	178	416	2,327	153	389	2,166	Apr. 1
Unspecified-----080.3	8	13	48	89	180	721	71	154	629	Apr. 1
Psittacosis-----096.2	2	-	*	33	72	*	*	*	*	*
Rabies in man-----094	-	1	*	*	*	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	3,058	3,513	---	239,709	230,407	---	20,498	---	---	Aug. 1
Typhoid fever-----040	18	21	29	559	565	714	445	438	534	Apr. 1
Typhus fever, endemic-----101	1	-	1	27	51	*	*	*	*	*
Rabies in animals-----	51	48	64	2,509	2,687	3,263	3,085	3,655	4,211	Oct. 1

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CURRENT U. S. POLIO INCIDENCE
Compared With Years 1955-1960, April-December, by week



EPIDEMIOLOGICAL REPORT

Poliomyelitis - New York State

Through Monday, September 18, 67 cases of paralytic poliomyelitis have occurred in the counties of Onondaga, Madison, and Oneida in Upstate New York. Of the 67 cases, 38 have occurred in Onondaga County (25 in Syracuse), 17 in Madison County and 12 in Oneida County. Type I poliovirus has been isolated from 13 of these cases. The 64 paralytic cases with onset of symptoms since July are shown by county:

Week Ending	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16
Onondaga County	1	2	1	4	11	11	4	3
Madison County	0	4	3	5	2	1	1	0
Oneida County	0	2	2	2	3	1	0	1
Total	1	8	6	11	16	13	5	4

In addition to the 67 paralytic cases, there are 19 non-paralytic cases reported from the tri-county area.

Since the oral polio immunization program in the tri-county area on August 29-31 there have been 23 cases of paralytic polio. Nine had not received the oral vaccine. The interval in days between the immunization program and onset of symptoms for the 14 paralytic cases who had received oral vaccine is shown in the table below:

PARALYTIC CASES							
Interval in days between oral vaccine and onset of symptoms							
Some day	1	2	3	4	5	6	7
2	0	3	3	1	1	1	1

The only paralytic polio cases in the tri-county area in those who received the oral vaccine have occurred within 7 days of the administration of vaccine.

(Continued on page 8)

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Polio myelitis 080										Menin- gitis, aseptic	Brucel- losis (undul- ant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	37th Week		Cumulative, first 37 weeks		37th Week		Cumulative, first 37 weeks					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	340 pt.	044
UNITED STATES-----	98	173	780	1,908	62	112	513	1,312	28	48	137	9
NEW ENGLAND-----	2	13	17	172	2	8	14	133	-	5	8	-
Maine-----	-	2	1	21	-	2	1	21	-	-	-	-
New Hampshire-----	-	-	1	-	-	-	-	-	-	-	1	-
Vermont-----	1	2	3	5	1	-	3	1	-	2	-	-
Massachusetts-----	1	1	8	26	1	1	7	18	-	-	4	-
Rhode Island-----	-	2	-	96	-	1	-	74	-	1	3	-
Connecticut-----	-	6	4	24	-	4	3	19	-	2	-	-
MIDDLE ATLANTIC-----	52	35	185	257	33	24	133	195	19	10	2	1
New York-----	46	21	131	148	27	12	88	104	19	8	1	-
New Jersey-----	3	9	28	57	3	7	25	44	-	2	-	1
Pennsylvania-----	3	5	26	52	3	5	20	47	-	-	1	-
EAST NORTH CENTRAL-----	12	36	85	311	8	16	49	171	1	18	37	1
Ohio-----	3	5	22	73	1	3	11	32	-	-	2	-
Indiana-----	2	10	11	66	-	6	5	47	1	4	2	-
Illinois-----	1	8	20	99	1	6	9	64	-	2	15	1
Michigan-----	3	10	17	55	3	1	14	24	-	9	18	-
Wisconsin-----	3	3	15	18	3	-	10	4	-	3	-	-
WEST NORTH CENTRAL-----	3	17	43	109	2	7	20	58	-	2	18	3
Minnesota-----	-	4	5	35	-	4	5	28	-	-	12	-
Iowa-----	1	-	13	14	1	-	6	3	-	-	3	3
Missouri-----	1	5	11	20	1	3	3	12	-	1	3	-
North Dakota-----	1	2	2	9	-	-	-	3	-	-	-	-
South Dakota-----	-	1	1	4	-	-	-	1	-	-	-	-
Nebraska-----	-	1	4	11	-	-	3	7	-	1	-	-
Kansas-----	-	4	7	16	-	-	3	4	-	-	-	-
SOUTH ATLANTIC-----	8	32	137	309	4	24	101	223	3	8	11	-
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-
Maryland-----	1	11	23	34	1	9	23	29	-	2	-	-
District of Columbia-----	-	-	1	-	-	-	1	-	-	-	1	-
Virginia-----	1	4	9	15	1	4	7	13	-	-	3	-
West Virginia-----	1	2	18	29	-	1	12	23	-	1	2	-
North Carolina-----	2	5	13	65	1	4	7	46	1	1	-	-
South Carolina-----	3	6	15	104	1	2	10	67	2	4	-	-
Georgia-----	-	2	27	14	-	2	20	12	-	-	-	-
Florida-----	-	2	29	48	-	2	20	33	-	-	5	-
EAST SOUTH CENTRAL-----	7	3	61	116	5	2	37	59	-	1	12	2
Kentucky-----	2	-	22	56	-	-	5	5	-	-	-	-
Tennessee-----	-	2	13	22	-	1	7	16	-	1	-	2
Alabama-----	1	-	9	11	1	-	9	11	-	-	12	-
Mississippi-----	4	1	17	27	4	1	16	27	-	-	-	-
WEST SOUTH CENTRAL-----	7	9	109	196	3	7	57	116	4	2	4	2
Arkansas-----	-	1	11	18	-	1	4	10	-	-	1	1
Louisiana-----	3	-	36	38	2	-	27	24	1	-	-	-
Oklahoma-----	-	2	3	12	-	2	-	8	-	-	-	1
Texas-----	4	6	59	128	1	4	26	74	3	2	3	-
MOUNTAIN-----	-	4	40	57	-	2	23	24	-	-	3	-
Montana-----	-	-	3	13	-	-	2	9	-	-	-	-
Idaho-----	-	-	13	5	-	-	6	1	-	-	-	-
Wyoming-----	-	2	-	18	-	-	-	-	-	-	-	-
Colorado-----	-	2	6	9	-	2	6	8	-	-	-	-
New Mexico-----	-	-	3	4	-	-	-	1	-	-	-	-
Arizona-----	-	-	7	4	-	-	5	4	-	-	-	-
Utah-----	-	-	8	4	-	-	4	1	-	-	1	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	-
PACIFIC-----	7	24	103	381	5	22	79	333	1	2	42	-
Washington-----	1	2	19	22	-	2	14	22	-	-	6	-
Oregon-----	-	1	12	26	-	1	5	15	-	-	-	-
California-----	5	21	69	324	4	19	57	287	1	2	36	-
Alaska-----	-	-	-	2	-	-	-	2	-	-	-	-
Hawaii-----	1	-	3	7	1	-	3	7	-	-	-	-
Puerto Rico-----	1	9	6	432	1	9	6	425	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	37th Week		Cumulative, first 37 weeks		082		37th Week		Cumulative, first 37 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	9	22	389	450	37	50	1,130	730	54,954	26,912	734	800
NEW ENGLAND-----	-	-	6	10	1	1	51	29	1,625	818	28	113
Maine-----	-	-	-	2	-	-	6	2	104	49	2	10
New Hampshire-----	-	-	-	-	-	-	10	-	140	25	4	16
Vermont-----	-	-	-	-	-	-	1	-	166	11	2	15
Massachusetts-----	-	-	5	7	-	1	28	15	636	407	11	55
Rhode Island-----	-	-	-	1	1	-	-	5	201	161	-	4
Connecticut-----	-	-	1	-	-	-	6	7	378	165	9	13
MIDDLE ATLANTIC-----	-	-	20	13	7	11	156	118	7,568	3,105	116	100
New York-----	-	-	7	3	7	3	86	63	3,202	1,656	67	71
New Jersey-----	-	-	-	2	-	5	28	5	1,823	213	33	11
Pennsylvania-----	-	-	13	8	-	3	42	50	2,543	1,236	16	18
EAST NORTH CENTRAL-----	-	1	15	36	6	4	211	119	11,029	4,897	215	238
Ohio-----	-	-	1	15	6	2	55	51	3,700	1,655	16	16
Indiana-----	-	-	1	5	-	1	30	8	1,703	553	37	23
Illinois-----	-	1	10	5	-	1	47	29	1,927	1,023	83	14
Michigan-----	-	-	3	9	-	-	70	28	3,425	1,492	47	91
Wisconsin-----	-	-	-	2	-	-	9	3	274	174	32	94
WEST NORTH CENTRAL-----	1	2	35	24	5	1	94	30	5,357	1,896	43	27
Minnesota-----	1	-	24	6	-	-	22	1	1,167	216	5	2
Iowa-----	-	2	1	7	1	1	31	6	1,562	319	9	2
Missouri-----	-	-	-	2	-	-	7	10	1,203	698	1	1
North Dakota-----	-	-	2	1	-	-	4	2	126	141	10	20
South Dakota-----	-	-	6	5	-	-	1	3	141	127	1	-
Nebraska-----	-	-	2	1	4	-	10	6	555	199	17	2
Kansas-----	-	-	-	2	-	-	19	2	603	196	NN	NN
SOUTH ATLANTIC-----	2	11	80	133	6	2	145	70	6,832	3,173	44	32
Delaware-----	-	-	-	-	-	-	2	1	158	194	1	3
Maryland-----	-	-	1	1	2	-	6	8	624	322	6	4
District of Columbia-----	-	-	2	-	-	-	-	1	83	40	-	1
Virginia-----	-	3	15	16	-	1	17	15	1,087	629	4	10
West Virginia-----	-	-	1	4	1	-	17	11	1,279	591	13	6
North Carolina-----	-	2	7	7	3	-	54	7	1,481	273	13	1
South Carolina-----	-	4	5	42	-	1	12	3	351	50	1	2
Georgia-----	1	1	22	21	-	-	-	3	618	210	1	1
Florida-----	1	1	27	42	-	-	37	21	1,151	864	5	4
EAST SOUTH CENTRAL-----	3	1	32	46	4	3	138	85	8,224	3,849	54	81
Kentucky-----	-	-	8	1	-	-	46	17	2,424	1,415	8	12
Tennessee-----	-	-	3	7	-	1	37	20	3,260	1,254	39	56
Alabama-----	3	-	16	21	3	-	23	31	1,439	842	-	13
Mississippi-----	-	1	5	17	1	2	32	17	1,101	338	7	-
WEST SOUTH CENTRAL-----	3	7	187	152	2	5	82	36	3,999	2,190	86	73
Arkansas-----	-	-	4	5	-	1	21	3	787	113	5	-
Louisiana-----	-	1	23	31	-	-	6	2	425	112	1	-
Oklahoma-----	-	5	5	14	1	-	3	4	269	274	1	-
Texas-----	3	1	155	102	1	4	52	27	2,518	1,691	79	73
MOUNTAIN-----	-	-	8	35	2	7	48	66	3,329	2,189	57	54
Montana-----	-	-	2	3	2	-	10	7	298	97	6	16
Idaho-----	-	-	-	11	-	1	2	5	241	260	2	2
Wyoming-----	-	-	-	5	-	-	-	1	135	23	1	1
Colorado-----	-	-	4	3	-	5	21	34	1,123	799	22	19
New Mexico-----	-	-	1	4	-	-	5	4	365	263	NN	-
Arizona-----	-	-	-	3	-	-	7	5	517	485	9	12
Utah-----	-	-	-	6	-	1	3	1	540	193	17	1
Nevada-----	-	-	1	-	-	-	-	9	110	69	-	3
PACIFIC-----	-	-	6	1	4	16	205	177	6,991	4,795	91	82
Washington-----	-	-	-	-	1	-	26	19	790	539	7	17
Oregon-----	-	-	-	-	-	2	33	17	1,065	781	13	11
California-----	-	-	2	-	3	14	130	134	4,764	3,253	53	53
Alaska-----	-	-	4	1	-	-	13	1	321	151	14	-
Hawaii-----	-	-	-	-	-	-	3	6	51	71	4	1
Puerto Rico-----	-	5	48	110	-	-	33	24	732	591	40	2

NN-Not Notifiable

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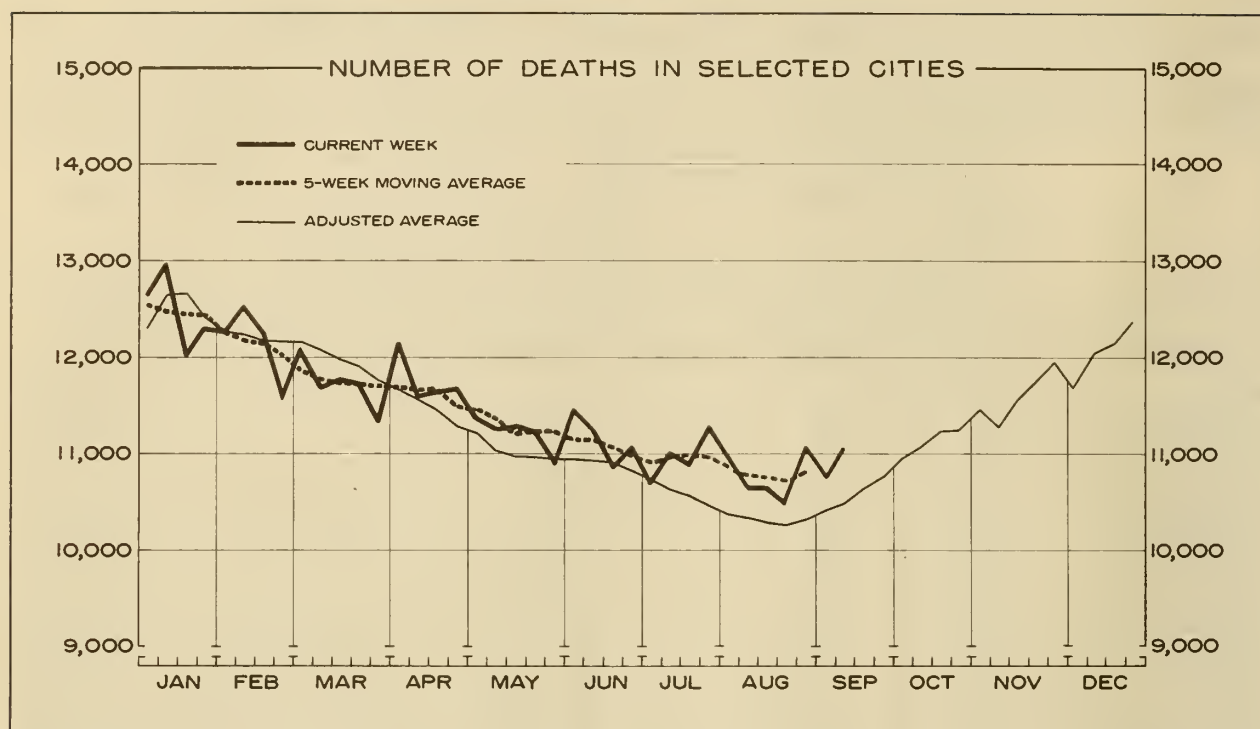
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria	Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117	057		096.2	050,051	37th Week		Cumulative, first 37 weeks		101		
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	4	27	33	2	3,058	18	21	559	565	1	51	48
NEW ENGLAND-----	2	4	2	-	95	-	-	16	8	-	-	-
Maine-----	-	1	1	-	7	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	1	-	-	-	-	-	-	-
Massachusetts-----	2	1	1	-	30	-	-	10	3	-	-	-
Rhode Island-----	-	-	-	-	12	-	-	2	-	-	-	-
Connecticut-----	-	2	-	-	45	-	-	3	3	-	-	-
MIDDLE ATLANTIC-----	1	3	5	-	89	5	3	68	41	-	1	4
New York-----	-	2	4	-	61	3	3	34	27	-	1	4
New Jersey-----	-	-	1	-	16	-	-	17	1	-	-	-
Pennsylvania-----	1	1	-	-	12	2	-	17	13	-	-	-
EAST NORTH CENTRAL-----	-	9	11	2	168	2	1	75	75	-	7	3
Ohio-----	-	4	-	-	16	-	-	25	19	-	1	1
Indiana-----	-	-	-	-	79	1	-	19	22	-	1	1
Illinois-----	-	2	3	-	23	1	-	25	20	-	-	1
Michigan-----	-	3	8	1	19	-	1	4	9	-	1	-
Wisconsin-----	-	-	-	1	31	-	-	2	5	-	4	-
WEST NORTH CENTRAL-----	-	-	4	-	91	1	2	29	34	-	17	13
Minnesota-----	-	-	1	-	1	-	-	5	1	-	3	6
Iowa-----	-	-	-	-	11	-	-	1	6	-	10	1
Missouri-----	-	-	-	-	-	1	-	17	19	-	2	3
North Dakota-----	-	-	-	-	60	-	-	-	1	-	1	-
South Dakota-----	-	-	1	-	-	-	1	3	3	-	1	-
Nebraska-----	-	-	2	-	-	-	-	1	2	-	-	3
Kansas-----	-	-	-	-	19	-	1	2	2	-	-	-
SOUTH ATLANTIC-----	-	3	1	-	296	1	2	90	85	-	6	9
Delaware-----	-	1	-	-	3	-	-	1	1	-	-	-
Maryland-----	-	-	-	-	2	-	-	2	3	-	-	-
District of Columbia-----	-	-	-	-	2	1	-	10	7	-	-	-
Virginia-----	-	-	1	-	52	-	-	14	18	-	3	5
West Virginia-----	-	2	-	-	66	-	1	9	7	-	-	-
North Carolina-----	-	-	-	-	13	-	-	13	8	-	1	-
South Carolina-----	-	-	-	-	22	-	-	6	11	-	-	-
Georgia-----	-	-	-	-	-	-	-	25	20	-	-	-
Florida-----	-	-	-	-	136	-	1	10	10	-	2	4
EAST SOUTH CENTRAL-----	1	3	6	-	796	2	4	57	75	-	5	3
Kentucky-----	1	-	1	-	83	-	1	10	15	-	3	1
Tennessee-----	-	2	1	-	676	1	2	39	42	-	2	1
Alabama-----	-	1	-	-	8	-	1	6	13	-	-	1
Mississippi-----	-	-	4	-	29	1	-	2	5	-	-	-
WEST SOUTH CENTRAL-----	-	-	1	-	392	2	5	122	165	1	11	12
Arkansas-----	-	-	-	-	-	-	-	18	37	-	2	7
Louisiana-----	-	-	-	-	2	1	-	16	54	-	1	1
Oklahoma-----	-	-	1	-	9	-	-	12	10	-	-	-
Texas-----	-	-	-	-	381	1	5	76	64	1	8	4
MOUNTAIN-----	-	-	-	-	860	4	-	49	31	-	-	2
Montana-----	-	-	-	-	64	2	-	16	9	-	-	-
Idaho-----	-	-	-	-	59	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	3	4	-	-	-
Colorado-----	-	-	-	-	230	-	-	6	-	-	-	-
New Mexico-----	-	-	-	-	281	2	-	11	8	-	-	1
Arizona-----	-	-	-	-	125	-	-	6	7	-	-	1
Utah-----	-	-	-	-	98	-	-	2	1	-	-	-
Nevada-----	-	-	-	-	3	-	-	4	-	-	-	-
PACIFIC-----	-	5	3	-	271	1	4	53	51	-	4	2
Washington-----	-	-	-	-	90	-	-	7	5	-	-	-
Oregon-----	-	1	-	-	11	-	1	1	8	-	-	-
California-----	-	3	3	-	131	1	2	45	37	-	4	2
Alaska-----	-	-	-	-	39	-	1	-	1	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	1	-	-	17	17	-	3	5

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The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Adjusted average, 37th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 37 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	11,053	10,787	10,490	+5.4	424,559	427,962	-0.8
New England----- (14 cities)	715*	674	623	+14.8	26,082	26,673	-2.2
Middle Atlantic----- (20 cities)	3,129*	3,210	2,865	+9.2	121,179	118,407	+2.3
East North Central----- (21 cities)	2,384	2,360	2,265	+5.3	90,718	92,686	-2.1
West North Central----- (9 cities)	768	722	737	+4.2	28,909	29,892	-3.3
South Atlantic----- (11 cities)	884	1,040	874	+1.1	36,695	36,782	-0.2
East South Central----- (8 cities)	565	390	481	+17.5	19,202	19,426	-1.2
West South Central----- (13 cities)	907	871	958	-5.3	36,215	37,536	-3.5
Mountain----- (8 cities)	364*	287	333	+9.3	13,513	13,448	+0.5
Pacific----- (13 cities)	1,337	1,233	1,354	-1.3	52,046	53,112	-2.0

*Includes estimate for missing reports.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Cumulative, first 37 weeks		Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Cumulative, first 37 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL--Con.:				
Boston, Mass.-----	264	219	8,941	9,285	St. Louis, Mo.-----	226	230	8,732	9,248
Bridgeport, Conn.-----	42	35	1,421	1,518	St. Paul, Minn.-----	60	64	2,434	2,618
Cambridge, Mass.-----	36	29	1,079	1,156	Wichita, Kans.-----	48	39	1,703	1,705
Fall River, Mass.-----	19	29	991	1,051	SOUTH ATLANTIC:				
Hartford, Conn.-----	43	59	1,780	1,781	Atlanta, Ga.-----	111	112	4,200	4,398
Lowell, Mass.-----	24*	19	906	889	Baltimore, Md.-----	214	245	9,142	9,348
Lynn, Mass.-----	28	21	803	895	Charlotte, N.C.-----	33	43	1,320	1,454
New Bedford, Mass.-----	26	21	968	905	Jacksonville, Fla.-----	50	64	2,121	2,224
New Haven, Conn.-----	43	40	1,704	1,668	Miami, Fla.-----	59	70	2,811	2,713
Providence, R.I.-----	63	72	2,317	2,356	Norfolk, Va.-----	41	42	1,848	1,494
Somerville, Mass.-----	15	10	492	496	Richmond, Va.-----	62	73	2,892	2,894
Springfield, Mass.-----	34	45	1,648	1,673	Savannah, Ga.-----	31	35	1,202	1,266
Waterbury, Conn.-----	26	26	1,002	1,015	St. Petersburg, Fla.-----	(56)	(54)	(2,542)	(2,647)
Worcester, Mass.-----	52	49	2,030	1,985	Tampa, Fla.-----	48	55	2,472	2,437
MIDDLE ATLANTIC:					Washington, D.C.-----	195	258	7,212	7,147
Albany, N.Y.-----	35	34	1,688	1,614	Wilmington, Del.-----	40	43	1,475	1,407
Allentown, Pa.-----	32	45	1,276	1,284	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	130	114	5,435	5,444	Birmingham, Ala.-----	77	56	3,156	3,149
Camden, N.J.-----	47	43	1,589	1,569	Chatanooga, Tenn.-----	49	38	1,732	1,748
Elizabeth, N.J.-----	42	39	1,086	1,095	Knoxville, Tenn.-----	35	19	1,017	1,047
Erie, Pa.-----	34	40	1,462	1,440	Louisville, Ky.-----	142	76	4,270	4,243
Jersey City, N.J.-----	63	54	2,581	2,611	Memphis, Tenn.-----	104	102	4,199	4,181
Newark, N.J.-----	75	105	3,744	3,579	Mobile, Ala.-----	45	37	1,494	1,526
New York City, N.Y.-----	1,625	1,809	61,820	60,143	Montgomery, Ala.-----	46	23	1,170	1,286
Paterson, N.J.-----	40	40	1,452	1,421	Nashville, Tenn.-----	67	39	2,164	2,246
Philadelphia, Pa.-----	490	399	19,089	18,168	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	186	111	7,038	7,194	Austin, Tex.-----	29	39	1,261	1,286
Reading, Pa.-----	25	17	861	875	Baton Rouge, La.-----	27	17	1,009	1,061
Rochester, N.Y.-----	105	123	3,734	3,713	Corpus Christi, Tex.-----	27	9	816	889
Schenectady, N.Y.-----	16	27	884	888	Dallas, Tex.-----	115	147	4,626	4,639
Scranton, Pa.-----	26	35	1,307	1,388	El Paso, Tex.-----	29	25	1,291	1,421
Syracuse, N.Y.-----	65	71	2,268	2,281	Fort Worth, Tex.-----	77	54	2,374	2,478
Trenton, N.J.-----	45	43	1,670	1,536	Houston, Tex.-----	128	99	6,051	6,270
Utica, N.Y.-----	27*	22	1,044	1,020	Little Rock, Ark.-----	69	54	2,092	2,141
Yonkers, N.Y.-----	21	39	1,151	1,144	New Orleans, La.-----	153	180	6,233	6,709
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	61	64	2,757	2,776
Akron, Ohio-----	56	54	2,098	2,114	San Antonio, Tex.-----	99	78	3,786	3,779
Canton, Ohio-----	32	27	1,138	1,282	Shreveport, La.-----	46	50	1,888	2,018
Chicago, Ill.-----	659	718	27,447	28,648	Tulsa, Okla.-----	47	55	2,031	2,069
Cincinnati, Ohio-----	160	147	5,793	5,835	MOUNTAIN:				
Cleveland, Ohio-----	199	191	7,527	7,826	Albuquerque, N. Mex.-----	25	21	1,156	1,154
Columbus, Ohio-----	129	124	4,236	4,371	Colorado Springs, Colo.-----	14	24	600	614
Dayton, Ohio-----	78	83	2,987	2,760	Denver, Colo.-----	120	85	4,240	4,412
Detroit, Mich.-----	328	323	12,361	12,687	Ogden, Utah-----	17*	14	622	618
Evansville, Ind.-----	39	35	1,343	1,335	Phoenix, Ariz.-----	83	59	3,041	2,894
Flint, Mich.-----	48	40	1,592	1,481	Pueblo, Colo.-----	16*	16	622	613
Fort Wayne, Ind.-----	31	41	1,424	1,374	Salt Lake City, Utah-----	43	35	1,794	1,814
Gary, Ind.-----	25	30	1,128	1,168	Tucson, Ariz.-----	46	33	1,438	1,329
Grand Rapids, Mich.-----	53	50	1,677	1,546	PACIFIC:				
Indianapolis, Ind.-----	141	110	5,264	5,435	Berkeley, Calif.-----	22	17	639	625
Madison, Wis.-----	34	38	1,217	1,184	Fresno, Calif.-----	(25)	(39)	(1,616)	(1,672)
Milwaukee, Wis.-----	122	107	4,542	4,633	Glendale, Calif.-----	(34)	(19)	(1,232)	(1,439)
Peoria, Ill.-----	29	27	1,044	1,120	Honolulu, Hawaii-----	36	26	1,469	1,536
Rockford, Ill.-----	25	25	1,047	1,066	Long Beach, Calif.-----	44	63	2,031	2,039
South Bend, Ind.-----	37	23	1,059	1,059	Los Angeles, Calif.-----	494	414	18,454	18,761
Toledo, Ohio-----	104	93	3,639	3,713	Oakland, Calif.-----	93	87	3,575	3,537
Youngstown, Ohio-----	55	74	2,155	2,049	Pasadena, Calif.-----	27	28	1,217	1,273
WEST NORTH CENTRAL:					Portland, Oreg.-----	90	95	3,925	4,102
Des Moines, Iowa-----	58	56	1,984	2,043	Sacramento, Calif.-----	60	68	2,317	2,160
Duluth, Minn.-----	36	21	966	936	San Diego, Calif.-----	93	88	3,266	3,346
Kansas City, Kans.-----	30	37	1,381	1,288	San Francisco, Calif.-----	196	153	7,218	7,335
Kansas City, Mo.-----	132	111	4,741	4,702	San Jose, Calif.-----	(37)	(35)	(1,300)	(1,291)
Lincoln, Nebr.-----	(32)	(34)	(1,026)	(967)	Seattle, Wash.-----	108	130	4,813	5,127
Minneapolis, Minn.-----	108	115	4,405	4,622	Spokane, Wash.-----	48	42	1,719	1,744
Omaha, Nebr.-----	70	49	2,563	2,730	Tacoma, Wash.-----	26	22	1,403	1,527
					San Juan, P. R.-----	(40)	(34)	(1,251)	(1,319)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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Hepatitis - Age Distribution in U. S.

The chart below lists the hepatitis cases above and below age 20 for individual States since the initiation of the age reporting the week of April 29 (17th week). Three sections of the country; New England, Middle Atlantic, and Pacific, continue to have the highest percentage of their cases in the adult group.

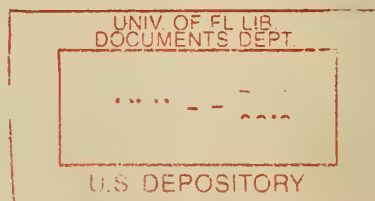
HEPATITIS CASES BY AGE CUMULATIVE TOTALS
Week 17 through Week 37, 1961

State or Area	Total	Under 20 Years	20 Years and Over	Age Un- specified	Percent* 20 and Over
NEW ENG.					
Maine	64	28	36	-	56.2
New Hampshire	90	7	7	76	50.0
Vermont	57	24	29	4	54.7
Massachusetts	370	205	154	11	42.9
Rhode Island	94	45	44	5	44.4
Connecticut	170	62	103	5	62.4
MID ATLANTIC					
New York	1,490	568	905	17	61.4
New Jersey	788	240	548	-	69.5
Pennsylvania	1,092	468	378	246	44.7
E. NO. CENTRAL					
Ohio	1,577	607	372	598	38.0
Indiana	761	436	299	26	40.7
Illinois	1,049	470	308	271	39.6
Michigan	1,970	572	458	940	44.5
Wisconsin	141	-	-	141	-
W. NO. CENTRAL					
Minnesota	496	255	198	43	43.7
Iowa	741	460	209	72	31.2
Missouri	541	340	180	21	34.6
North Dakota	66	36	29	1	44.6
South Dakota	30	18	7	5	28.0
Nebraska	256	69	42	145	37.8
Kansas	290	172	117	1	40.5
SO. ATLANTIC					
Delaware	59	-	-	59	-
Maryland	301	201	90	10	30.9
Dist. of Columbia	45	32	13	-	28.9
Virginia	657	381	215	61	36.1
West Virginia	490	361	109	20	23.2
North Carolina	685	513	171	1	25.0
South Carolina	134	68	29	37	29.8
Georgia	245	162	66	17	28.9
Florida	742	429	285	28	39.9
E. SO. CENTRAL					
Kentucky	1,043	694	150	199	17.8
Tennessee	1,253	914	326	13	26.3
Alabama	653	481	172	-	26.3
Mississippi	480	-	-	480	-
W. SO. CENTRAL					
Arkansas	372	244	128	-	34.4
Louisiana	260	140	71	49	33.6
Oklahoma	126	84	36	6	30.0
Texas	1,254	654	496	104	43.1
MOUNTAIN					
Montana	104	66	27	11	29.0
Idaho	143	-	-	143	-
Wyoming	58	24	20	14	45.4
Colorado	496	44	31	421	41.3
New Mexico	114	59	45	10	43.3
Arizona	256	-	-	256	-
Utah	202	129	73	-	36.1
Nevada	54	-	-	54	-
PACIFIC					
Washington	379	134	166	79	55.3
Oregon	527	255	255	17	50.0
California	2,819	879	1,169	771	57.1
Alaska	199	135	34	30	20.1
Hawaii	29	4	17	8	80.9
UNITED STATES	26,312	12,169	8,617	5,526	

* Percentage based on total cases with age specified

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.



U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
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